



Project No: AFC002001030202
Project: Supplemental RI
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing(ft): 2099626.1

Borehole ID: HGL89(24MW30A)
Date: 11/14/2003
Geologist: D. Fortier
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 459.9
Easting(ft): 5800468.6

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2		Gravel, sand and silt	FL	452					
4									
6					20	41/37/34	0.3		
8		Poorly graded sand Moderate brown, slightly moist, slightly dense, medium grained at 11' increase to very moist	SP	448					
10					100	15/30/32	0.5		
12									
14		Clayey sand Moderate yellowish brown, slightly moist, slightly dense, medium grained, 80% sand / 20% clay	SC	446					
16			SP	445					
18		Poorly graded sand Pale yellowish brown, slightly moist, slightly dense, fine to medium grained	SC	439	100	11/12/13	0.6		
20									
22		Clayey sand Pale to moderate yellowish brown, slightly moist, moderately dense, medium grained, some thin interbeds of poorly graded sand	SP	433	100	19/50 for 2"	0.9		
24									
26		Poorly graded sand Pale yellowish brown, moist, slightly dense, medium grained at 26' light olive gray, moist to very moist	SC	431	100	34/43/50	0.6		
28									
30		Clayey sand Moderate yellowish brown, slightly moist, moderately dense, medium grained sand	SP	429	100	32/50 for 4"	0.7		
32									
34		Poorly graded sand Pale yellowish brown, moist, slightly dense, medium grained at 32.5' to 36.5' some thin interbeds of clayey sand to 6"	SC	427					
36									
38		Clayey sand	SP		100	28/50 for 2"	0.8		
40									
					100	17/50 for 4"	0.9		

Drilled By: Layne Christensen

Drill Method: Dual Tube Percussion

Drilling Equipment: AP-1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

HydroGeoLogic, Inc.

4600 Northgate Blvd., Suite 207
Sacramento, CA 95834

(916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 45'

Sheet: 1 of 2



Project No: AFC002001030202
Project: Supplemental RI
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing(ft): 2099626.1

Borehole ID: HGL89(24MW30A)
Date: 11/14/2003
Geologist: D. Fortier
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 459.9
Easting(ft): 5800468.6

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
42			SP	418	100				Drilled to 45'. Sampled to 45.9'. Set temporary well (screen 40' - 45'). Collect groundwater sample (HGL89-GW45).
44		Well graded sand with gravel Pale yellowish brown, saturated, slightly dense, medium to coarse sand with 10% gravel to 0.2"	SW	414					
46		Poorly graded sand Pale yellowish brown, saturated, slightly dense, medium to coarse grained	SP		100	10/50 for 5"	2.4		
48									
50									
52									
54									
56									
58									
60									
62									
64									
66									
68									
70									
72									
74									
76									
78									
80									

Drilled By: Layne Christensen

Drill Method: Dual Tube Percussion

Drilling Equipment: AP-1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

HydroGeoLogic, Inc.
 4600 Northgate Blvd., Suite 207
 Sacramento, CA 95834
 (916) 614-8770 FAX: (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 45'

Sheet: 2 of 2